

Claim Listing

1. Canceled.

2. (currently amended) An article of manufacture comprising a hydrophobic polymeric substrate having ~~a~~ an adherent, firmly attached hydrophilic coating of solubilized starch, said coating having a thickness of approximately 1 micrometer or less.

3. (original) The article of Claim 2, wherein said hydrophobic polymeric substrate is a film or sheet.

4. (original) The article of Claim 2, wherein said hydrophobic polymeric substrate is a three-dimensional object.

5. (original) The article of Claim 2, wherein said hydrophobic polymeric substrate is a material selected from the group consisting of polyethylene, polypropylene, polystyrene, polyester, and polyamide.

6. (original) The article of Claim 2, wherein said hydrophobic polymeric substrate is a material comprising polyethylene.

7. (original) The article of Claim 2, wherein said starch is selected from the group of corn starch, wheat starch, rice starch, sorghum starch, potato starch, cassava starch and tapioca starch.

8. (original) The article of Claim 2, wherein said starch is selected from the group of waxy starch, high amylose starch, and a starch comprising about 25% amylose by weight.

9. (original) The article of Claim 2, wherein said starch coating on said polymeric substrate is present in an amount of at least about 0.01 mg starch/cm² of polymeric substrate.

10. (original) The article of Claim 2, wherein said starch coating on said polymeric substrate is present in an amount of at least about 0.02 mg starch/cm² of polymeric substrate.

11. (currently amended) The article of Claim 2, wherein said starch coating on said polymeric substrate is present in an amount of less than about 1 mg starch/cm² of ~~plastic~~ polymeric substrate.

12. (currently amended) The article of Claim 2, wherein said starch coating on said polymeric substrate is present in an

amount of less than about 0.08 mg starch/cm² of ~~plastic~~ polymeric
substrate.

Claims 13-20 (withdrawn).

21. (new) The article of Claim 2, wherein said solubilized starch is totally solubilized.

22. (new) The article of Claim 2, wherein said solubilized starch is jet cooked starch.

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23. (new) The article of Claim 2, wherein said hydrophilic coating of solubilized starch consists essentially of starch or cereal flour.

24. (new) The article of Claim 2, wherein said hydrophilic coating of solubilized starch consists of nodules.
